

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
	A	REVISED PER ECR-14-007824	02JUNE2014	RS	EC	
	B	ECO-15-015144: ADD UL.	02NOV2015	EC	EC	

**SAFETY ORGANIZATIONS**

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET: UL.

**RELIABILITY SPECIFICATIONS**

STORAGE TEMPERATURE: -40°C TO +85°C  
 HUMIDITY: 21 DAYS @ 40°C 95% RH.

**OPERATING SPECIFICATIONS**

LINE CURRENT/VOLTAGE: 400 A, 520 VAC  
 LINE FREQUENCY: 50-60 Hz  
 NOMINAL LEAKAGE CURRENT: 15 mA  
 MAXIMUM LEAKAGE CURRENT: 270mA @ 277V, 50HZ

**TEST SPECIFICATIONS**

INDUCTANCE, NOMINAL: 50.9 µH  
 CAPACITANCE AT 1KHz, 0.25 VAC MAX., 25°C±1°C  
 LINE TO GROUND, NOMINAL: 3.1 µF  
 LINE TO LINE, NOMINAL: 7.0 µF  
 DISCHARGE RESISTOR L/G AND L/L I.R. 1000 kOhm / 1000 kOhm  
 IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6000 MΩ

OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT, I : -10°C TO +50°C

IN AN AMBIENT, T, HIGHER THAN 50°C, THE MAXIMUM OPERATING CURRENT, I, IS AS FOLLOWS:

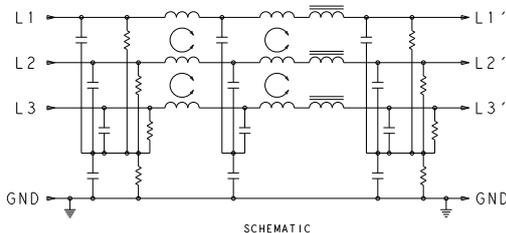
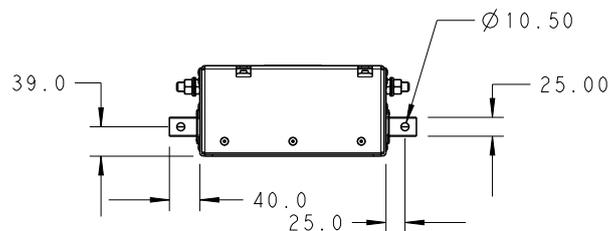
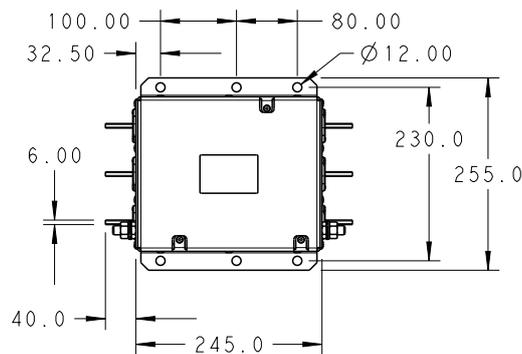
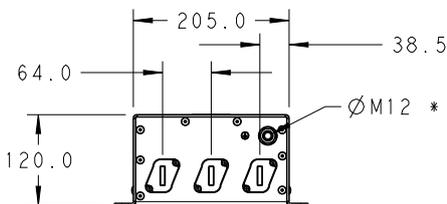
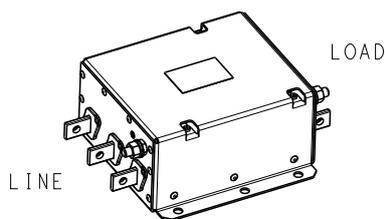
$$I_o = I_R \sqrt{\frac{100 - T_o}{50}}$$

**RECOMMENDED RECEIVING INSPECTION HIPOT**

LINE TO GROUND FOR 1 MINUTE: 2200 VDC  
 LINE TO LINE FOR 1 MINUTE: 2160 VDC

**FILTER APPROVAL:**

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.



\* DO NOT LOOSEN INNER GROUND NUTS. TORQUE OUTER GROUND NUTS TO: 25-30 NM [220-260 IN-LB]

TYPICAL INSERTION LOSS  
 COMMON MODE 50/50Ω; DIFFERENTIAL MODE 100/100Ω

MHz	0.01	0.05	0.15	0.5	1.0	3.0	5.0	10	30
CM	13	33	62	88	78	68	52	36	20
DM	27	40	53	68	58	45	40	32	21

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DIMENSIONS: mm	DWN	23DEC2013	MATERIAL	FINISH		
	RS					
TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK	23DEC2013	TE Connectivity			
	EC					
0 PLC ±2 1 PLC ±1.0 2 PLC ±0.50 3 PLC ±0.200 4 PLC ±0.0001 ANGLES ±	APVD	23DEC2013	NAME 400APS12L 3-PHASE DELTA FILTER			
	EC					
	PRODUCT SPEC	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
	APPLICATION SPEC	-	A 4	00779	C-4-1609114-5	-
	WEIGHT	-	Customer Drawing		SCALE	1:1
					SHEET	1 OF 1
					REV	B